

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093998.D
 Acq On : 28 Mar 2017 17:50
 Operator : SJ/MA
 Sample : I2433-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

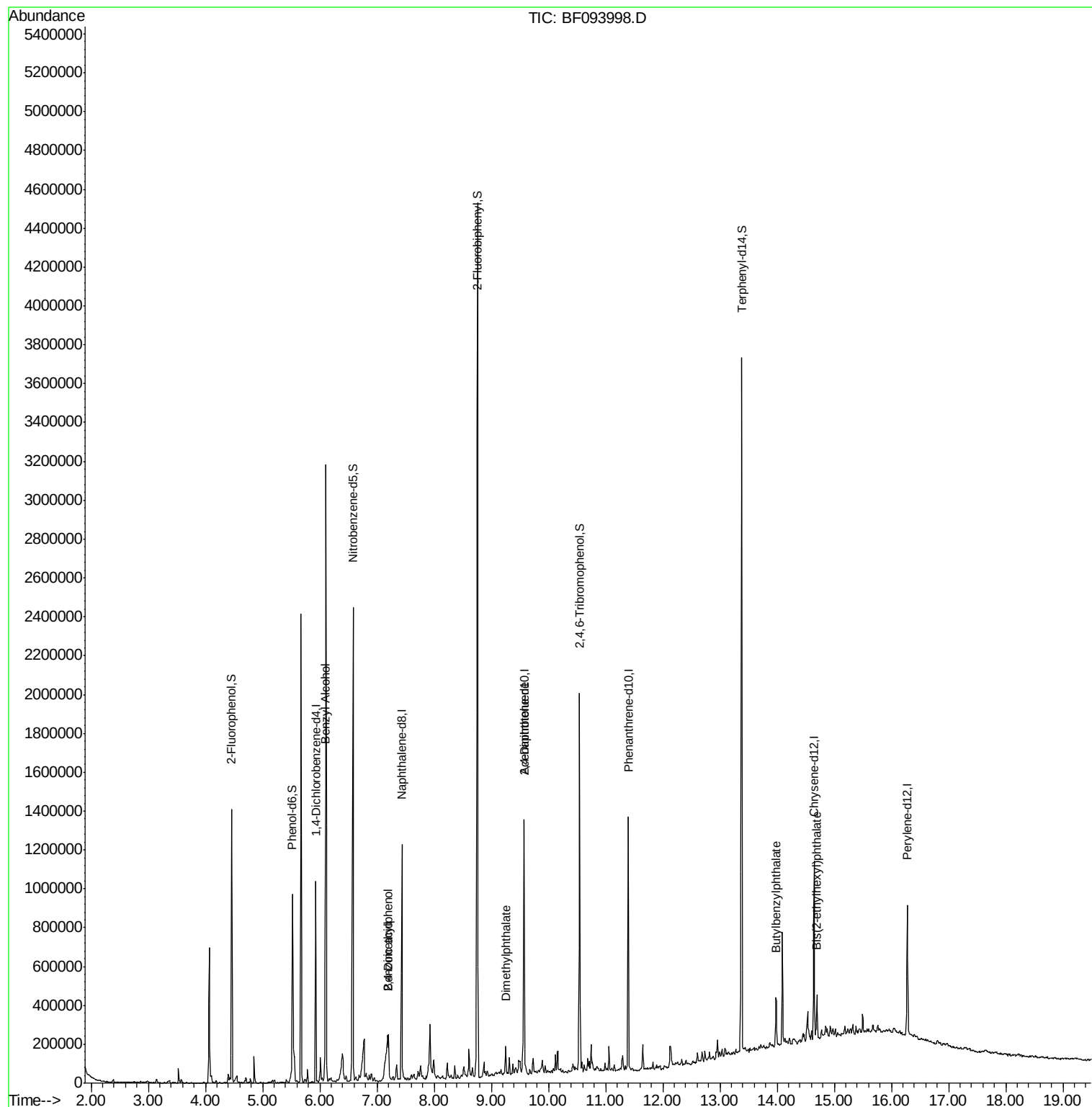
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	161768	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	654219	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	303733	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	509884	20.00	ng	-0.02
75) Chrysene-d12	14.64	240	356119	20.00	ng	-0.04
86) Perylene-d12	16.28	264	269694	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	408617	42.66	ng	-0.02
7) Phenol-d6	5.52	99	331447	27.97	ng	-0.03
23) Nitrobenzene-d5	6.58	82	1017801	88.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	258097	107.53	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1899527	95.39	ng	-0.02
78) Terphenyl-d14	13.38	244	1506727	94.84	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.09	79	26886	3.10	ng	92
27) 2,4-Dimethylphenol	7.18	122	93472	10.06	ng	# 6
32) Benzoic acid	7.18	122	93472	15.11	ng	97
49) Dimethylphthalate	9.25	163	55993	2.59	ng	99
56) 2,4-Dinitrotoluene	9.57	165	39172	6.30	ng	# 34
79) Butylbenzylphthalate	13.98	149	64917	5.90	ng	# 83
83) Bis(2-ethylhexyl)phthalate	14.70	149	67940	4.52	ng	98

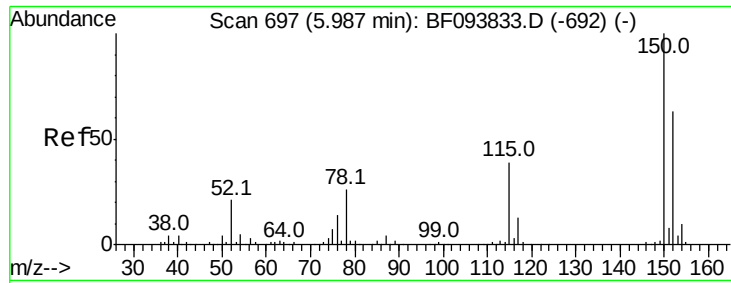
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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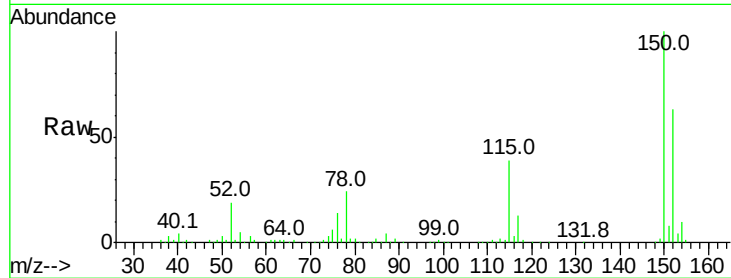


#1

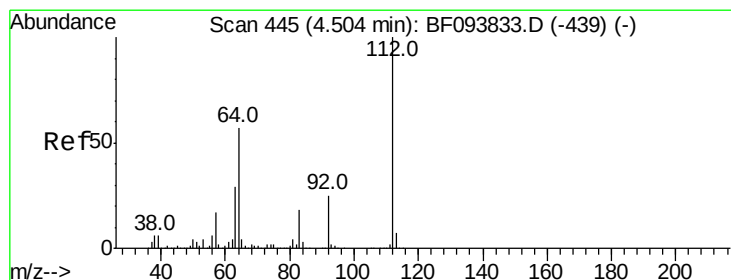
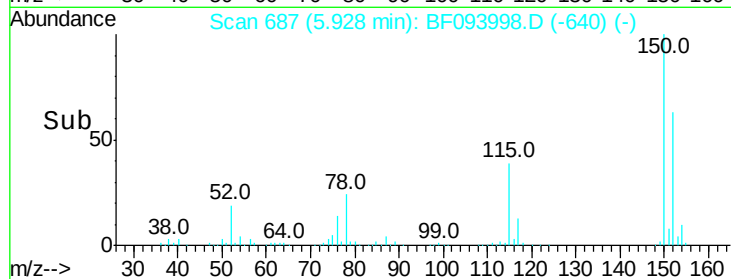
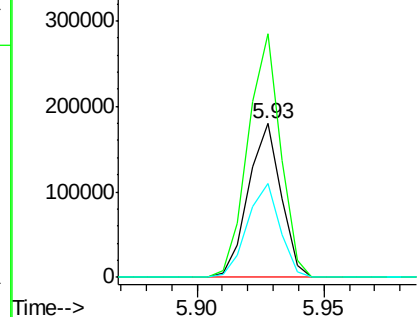
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 161768
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 61.2 52.2 78.2



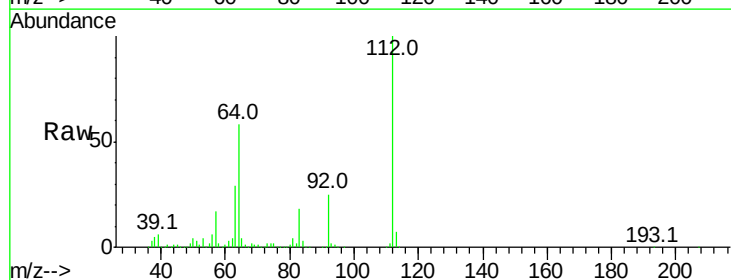
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



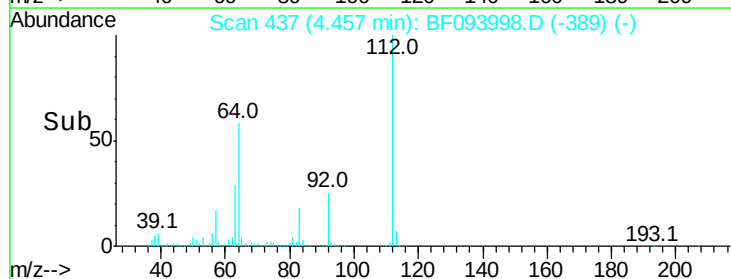
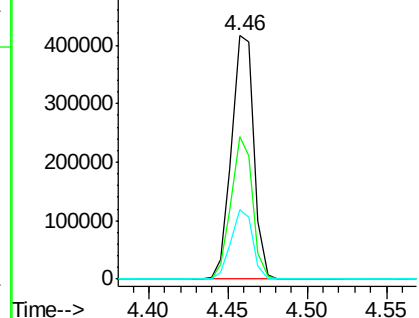
#5

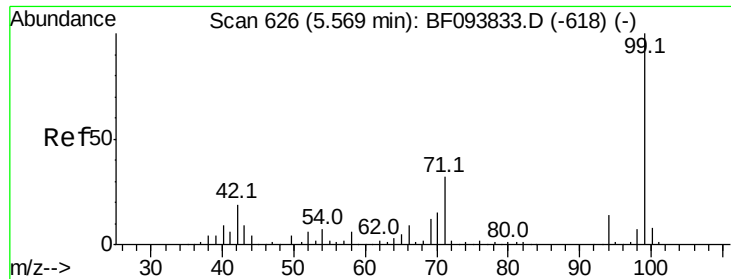
2-Fluorophenol
 Concen: 42.66 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Tgt Ion:112 Resp: 408617
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 28.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.97 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

Instrument :

BNA_F

ClientSampleId :

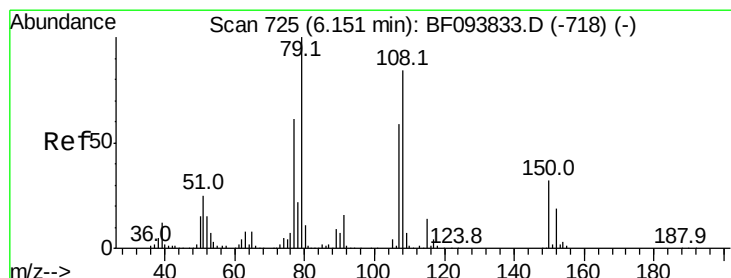
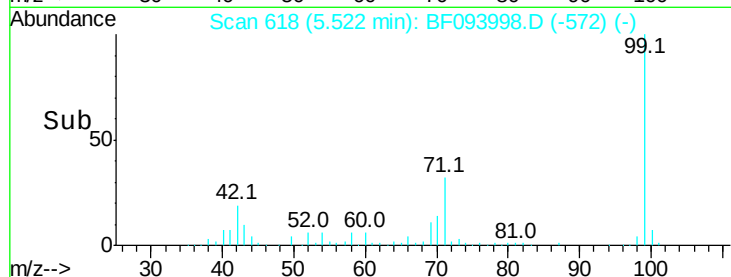
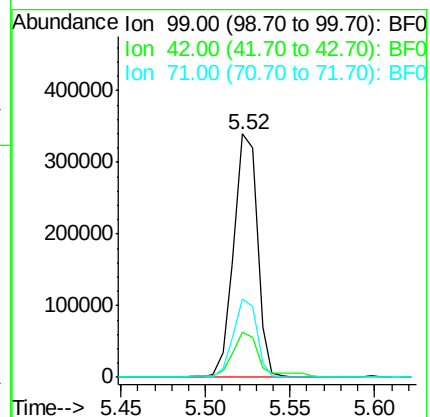
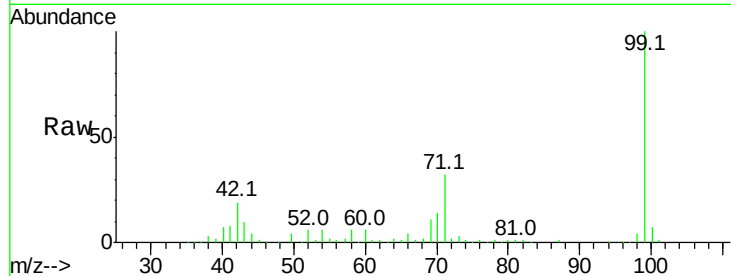
Tot Ion: 99 Resp: 331447

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

71 32.3 24.5 36.7



#15

Benzyl Alcohol

Concen: 3.10 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

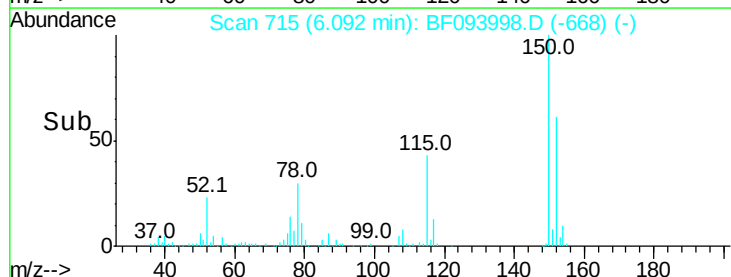
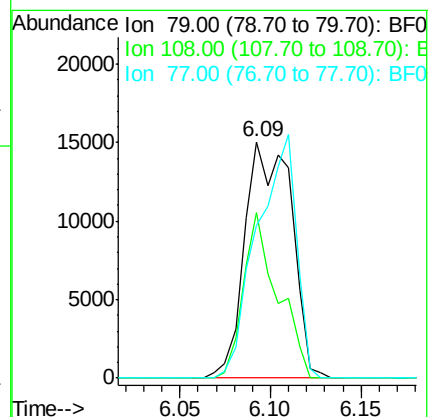
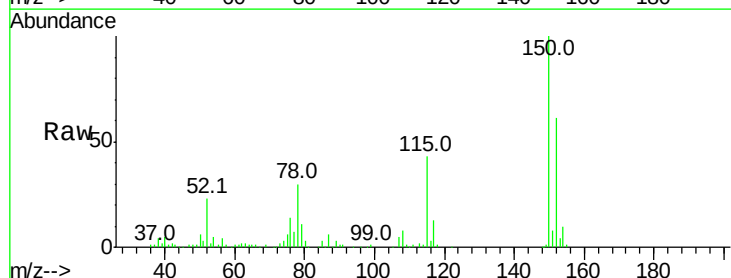
Tgt Ion: 79 Resp: 26886

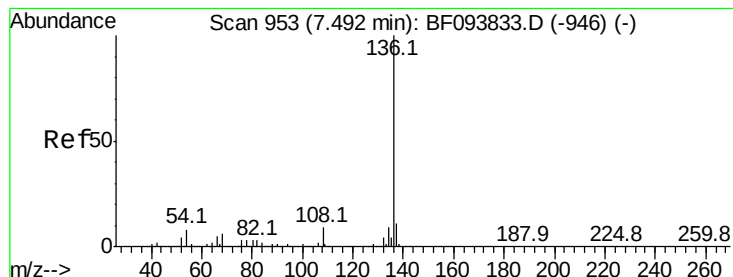
Ion Ratio Lower Upper

79 100

108 69.9 63.4 95.0

77 64.3 49.2 73.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 654219

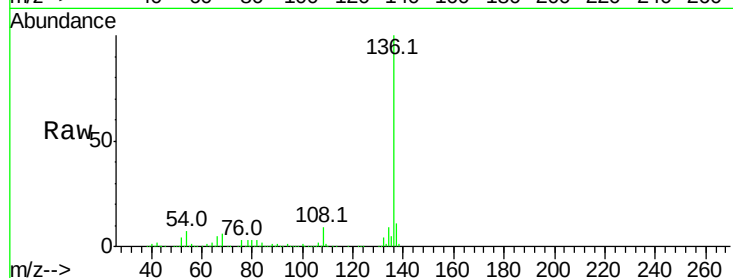
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

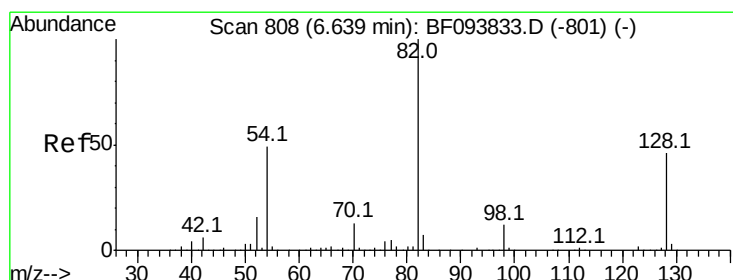
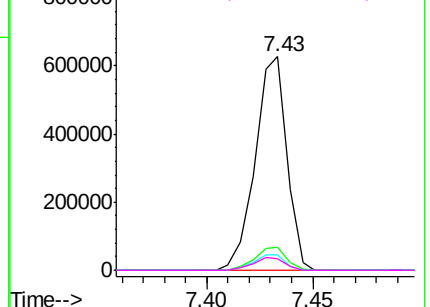
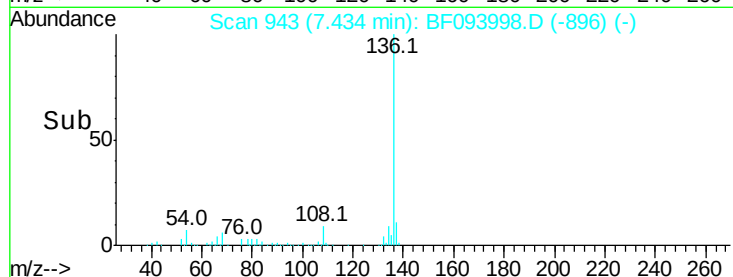


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.78 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

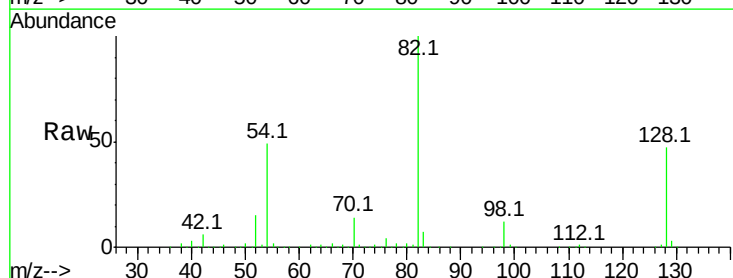
Tgt Ion: 82 Resp: 1017801

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

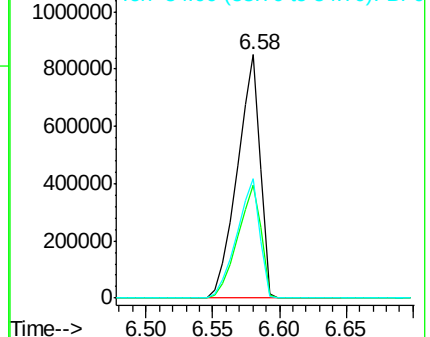
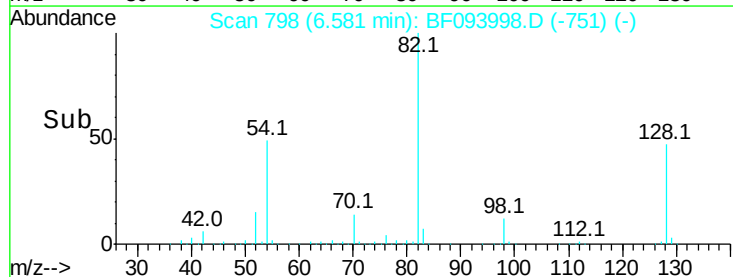
54 49.0 42.2 63.2

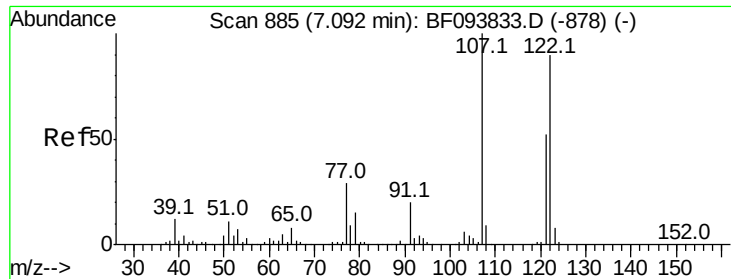


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 10.06 ng

RT: 7.18 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

Instrument :

BNA_F

ClientSampled :

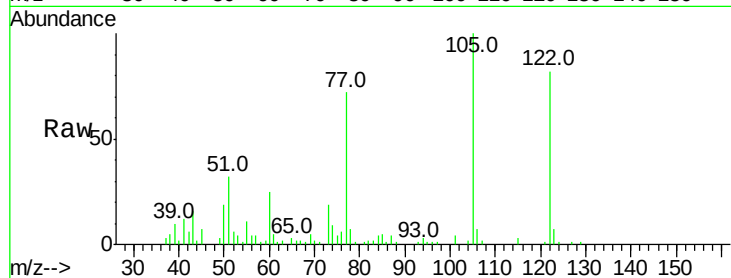
Tot Ion:122 Resp: 93472

Ion Ratio Lower Upper

122 100

107 1.9 89.2 133.8#

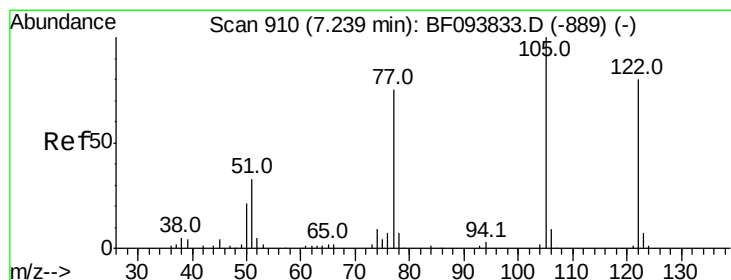
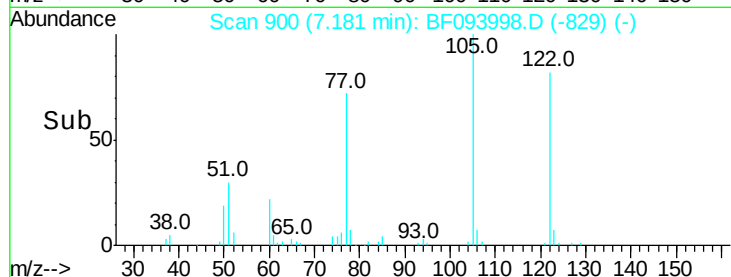
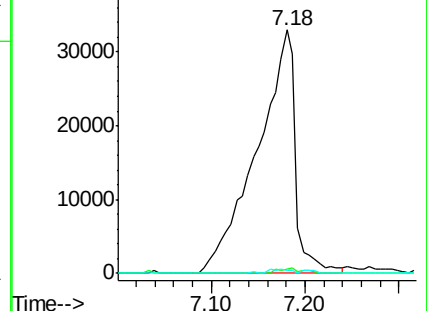
121 1.1 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 15.11 ng

RT: 7.18 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

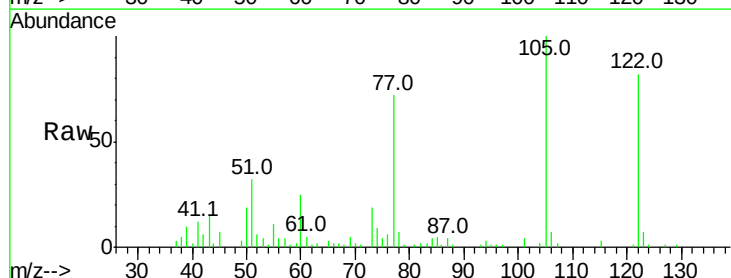
Tgt Ion:122 Resp: 93472

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

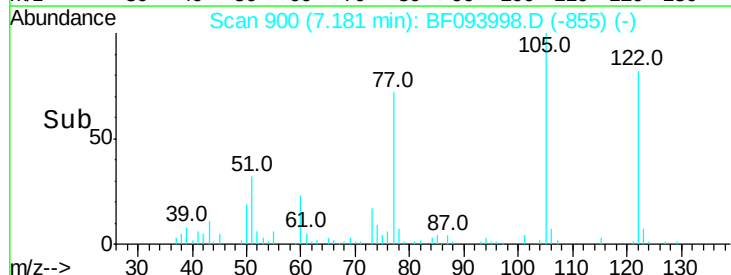
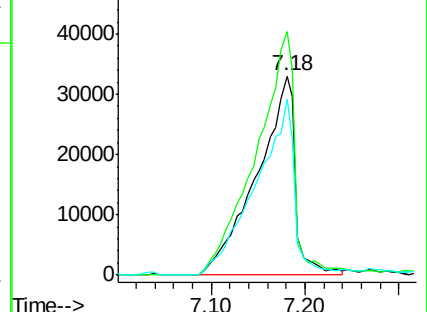
77 88.5 73.7 113.7

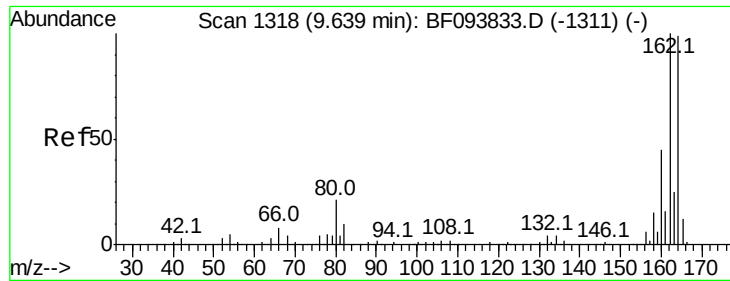


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

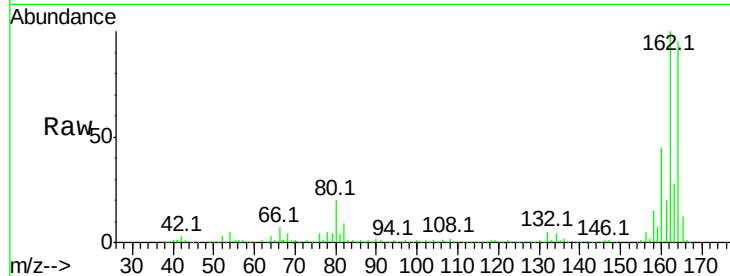




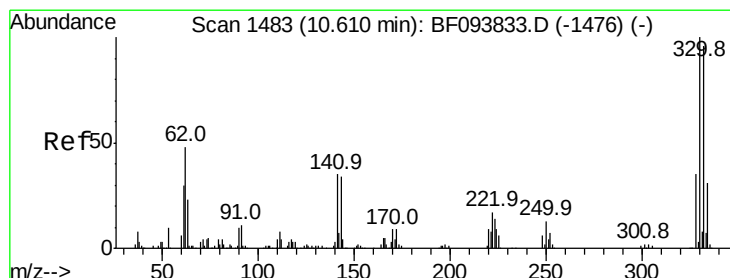
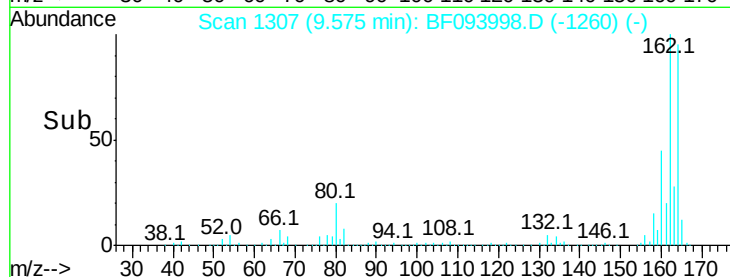
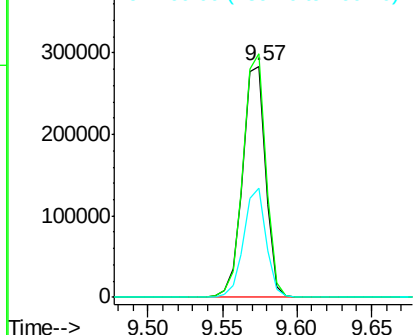
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 303733
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 47.0 36.2 54.2

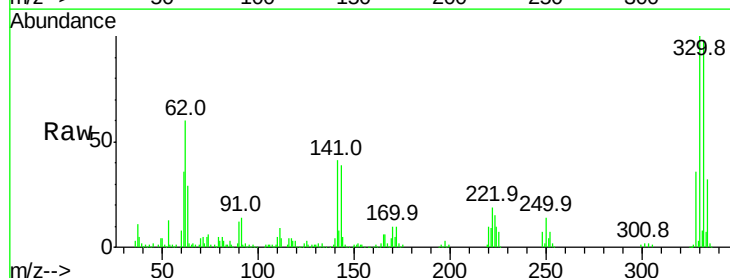


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

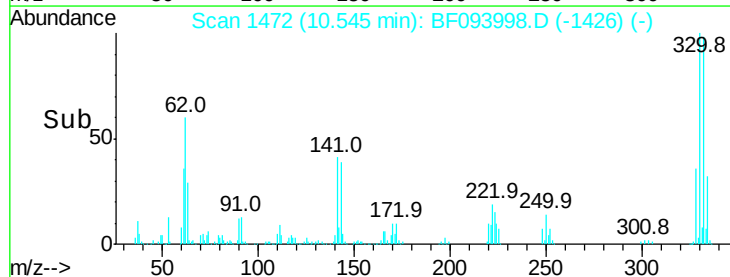
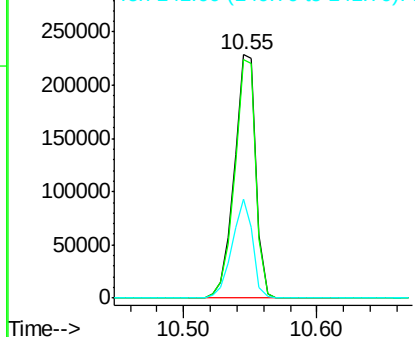


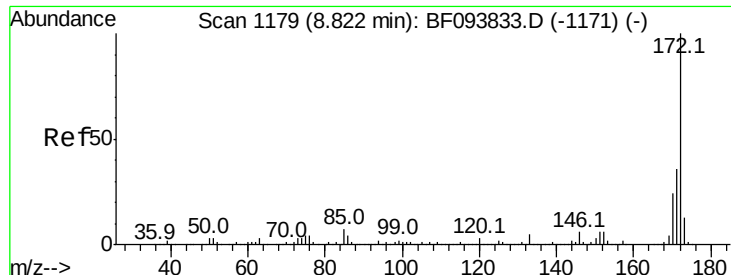
#41
 2,4,6-Tribromophenol
 Concen: 107.53 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Tgt Ion:330 Resp: 258097
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.6 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



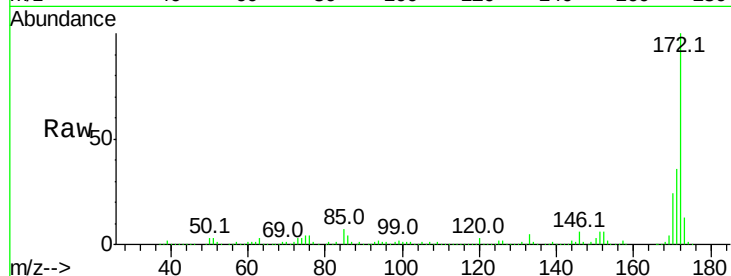


#44
 2-Fluorobiphenyl
 Concen: 95.39 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

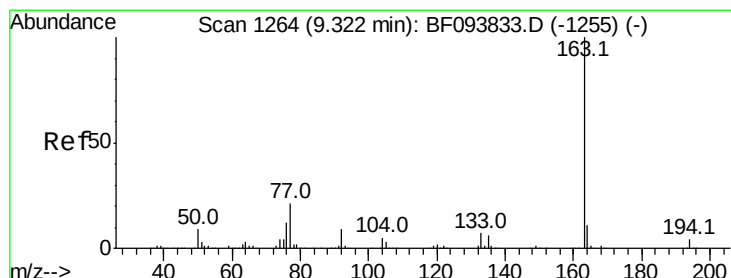
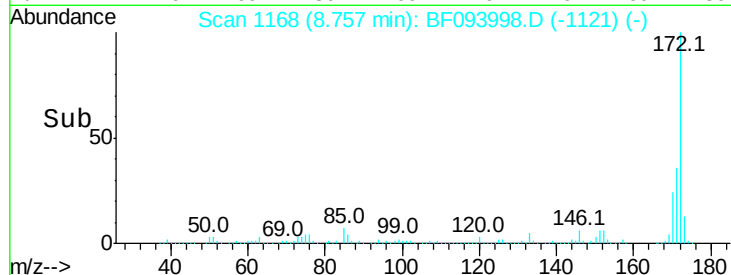
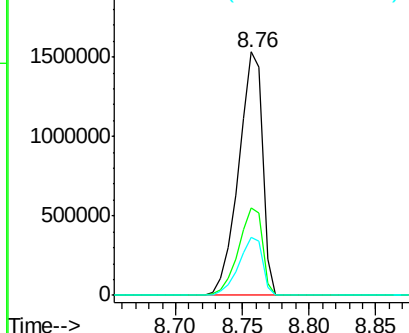
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1899527

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8



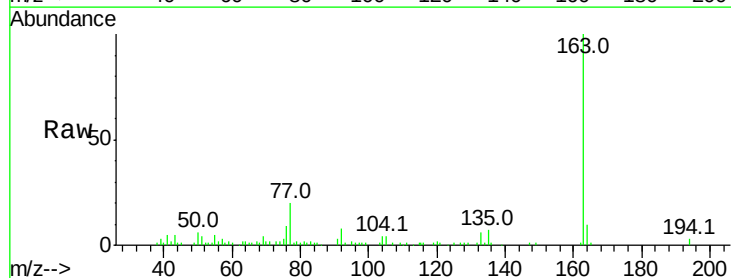
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



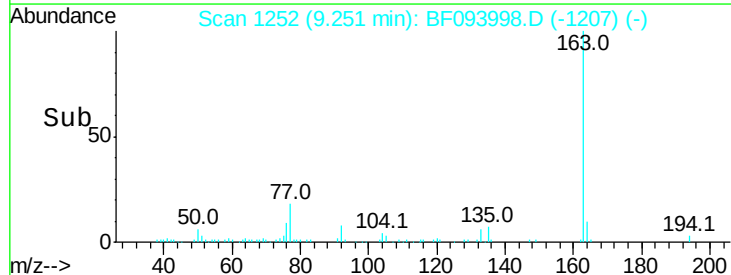
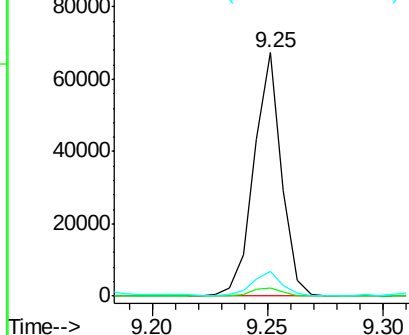
#49
 Dimethylphthalate
 Concen: 2.59 ng
 RT: 9.25 min Scan# 1252
 Delta R.T. -0.04 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

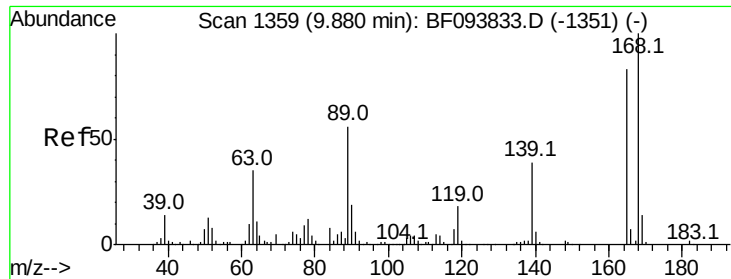
Tgt Ion:163 Resp: 55993

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

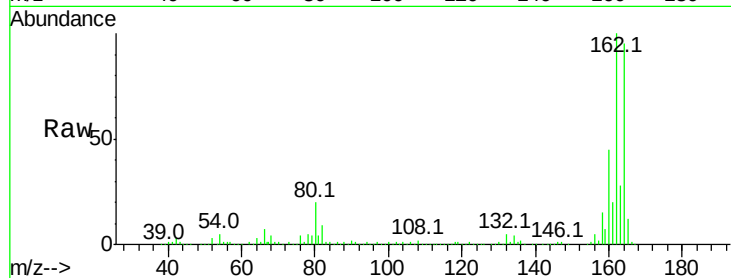




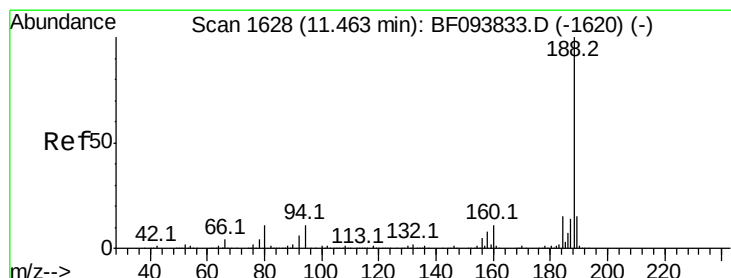
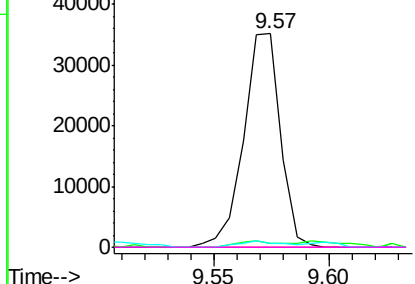
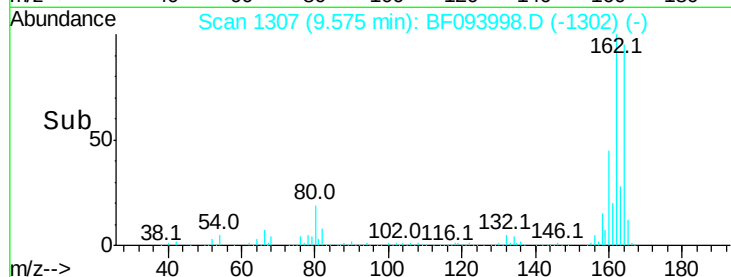
#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.27 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 39172
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 2.1 46.4 69.6#
 182 0.0 1.8 2.6#

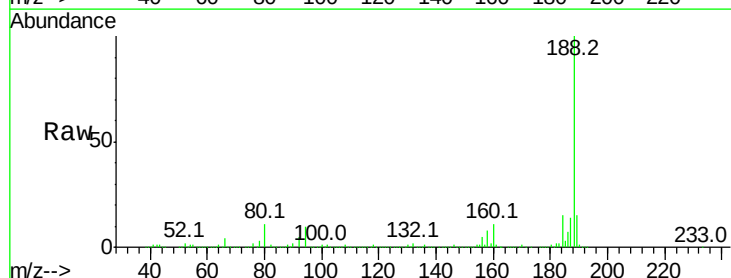


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

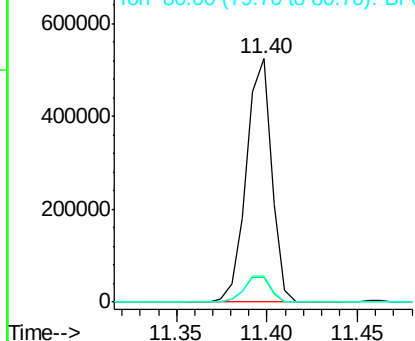
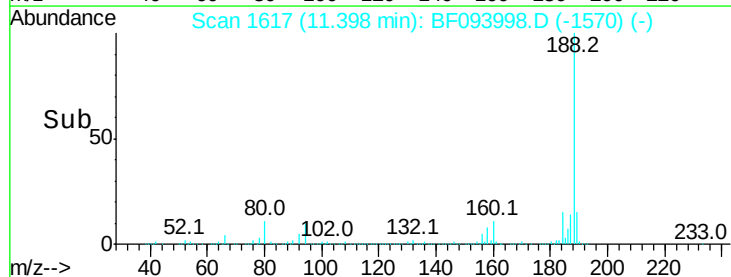


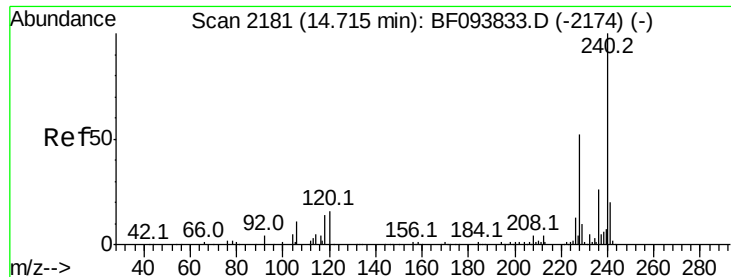
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Tgt Ion:188 Resp: 509884
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

Instrument :

BNA_F

ClientSampleId :

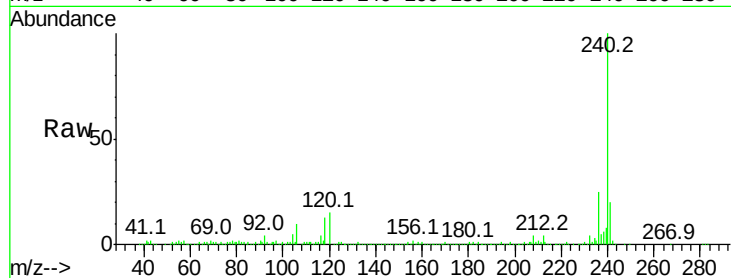
Tot Ion:240 Resp: 356119

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

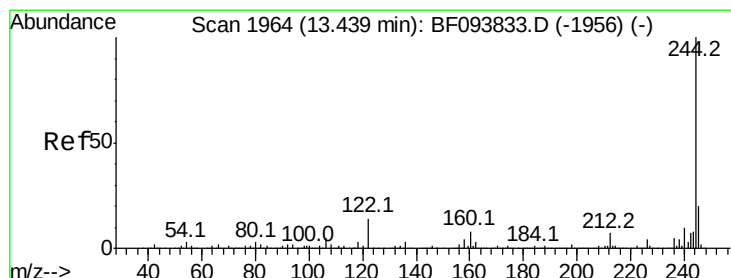
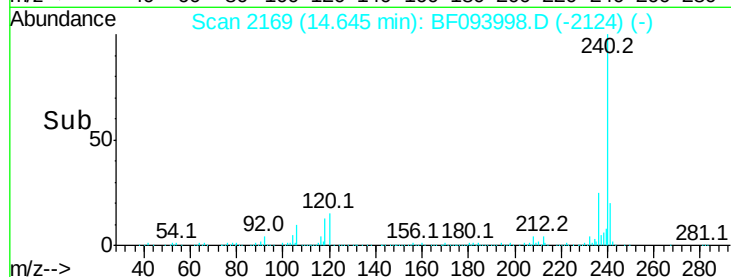
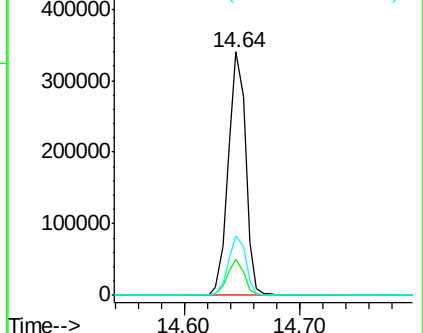
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 94.84 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF093998.D

Acq: 28 Mar 2017 17:50

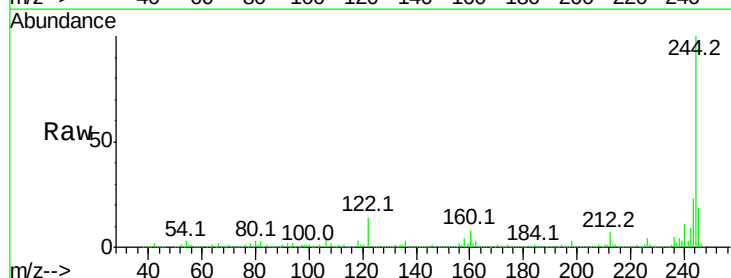
Tgt Ion:244 Resp: 1506727

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

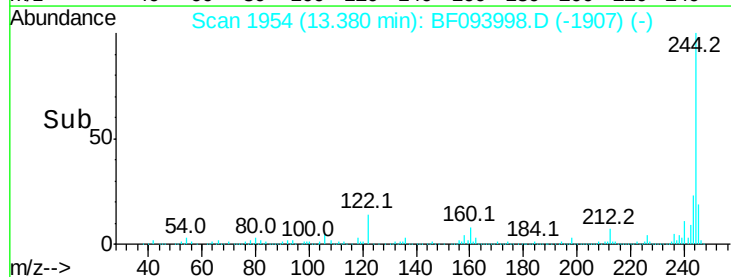
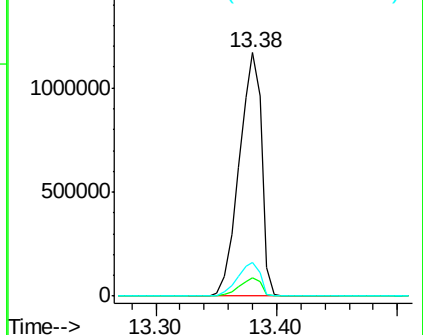
122 13.6 10.3 15.5

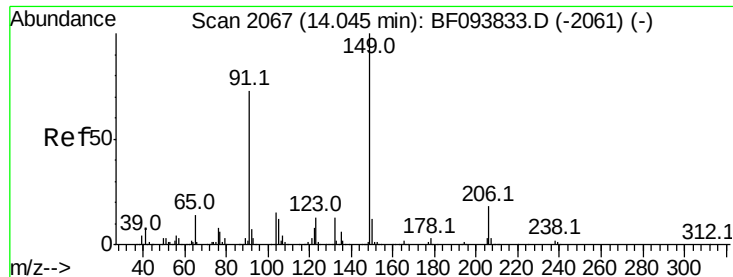


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

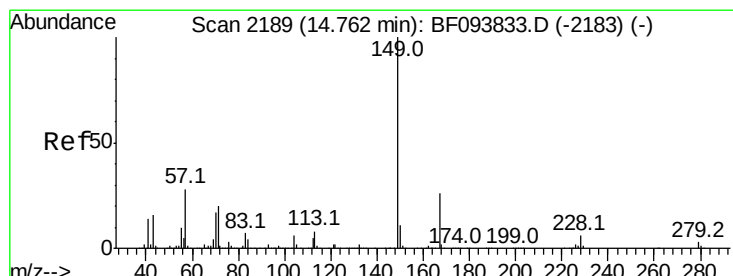
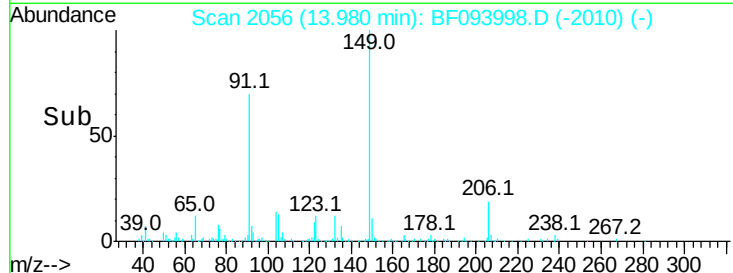
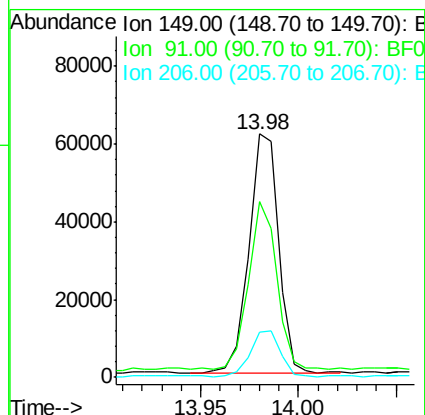
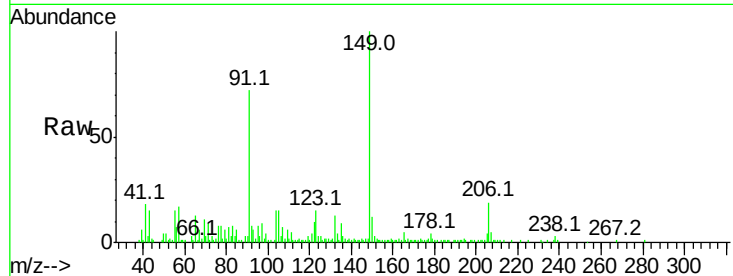




#79
 Butylbenzylphthalate
 Concen: 5.90 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.03 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

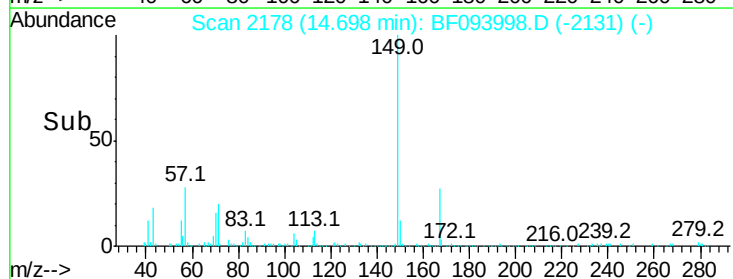
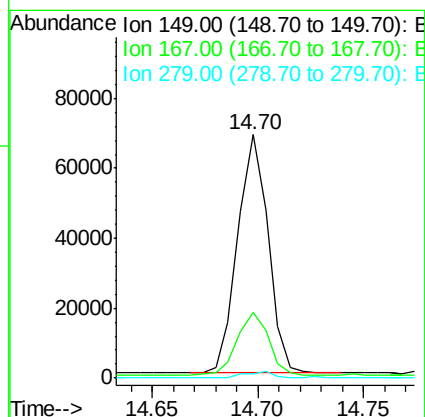
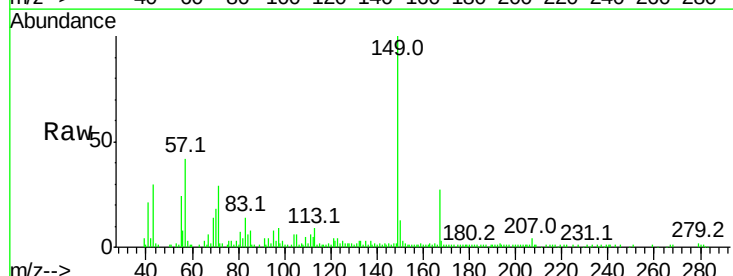
Instrument :
 BNA_F
 ClientSampleId :

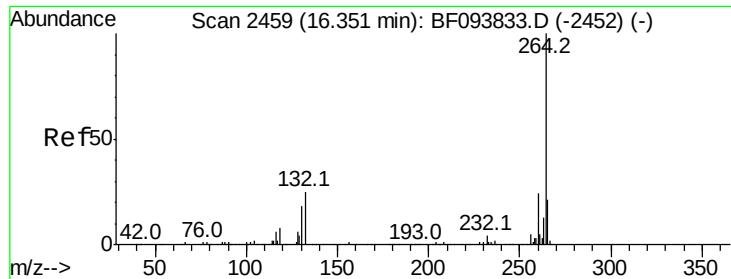
Tot Ion:149 Resp: 64917
 Ion Ratio Lower Upper
 149 100
 91 72.2 45.0 67.4#
 206 18.5 17.0 25.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.52 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093998.D
 Acq: 28 Mar 2017 17:50

Tgt Ion:149 Resp: 67940
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 2.0 1.9 2.9

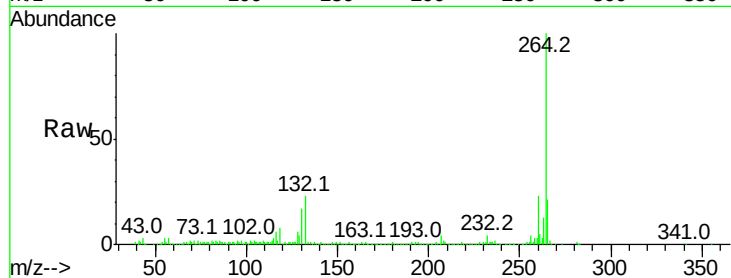




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF093998.D
Acq: 28 Mar 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.1	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

